AES/EPA -001

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RE: Administrative Order on Consent Docket Number CWA-02-2015-3102 – Compliance with AOC Section VII, ¶66

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶66, within thirty (30) calendar days of the Effective Date of the AOC, AES-PR is required to complete and submit the MDMR forms for the benchmark monitoring conducted pursuant to the requirements of the previous Administrative Compliance Order (ACO), Docket Number CWA-02-2012-3100, and the MSGP. Section 7.1 of the MSGP requires the following "All monitoring data collected pursuant to Parts 6.2 and 6.3 must be submitted to EPA using EPA's online eNOI system (www.epa.gov/npdes/eNOI) no later than 30 days (email date or postmark date) after you have received your complete laboratory results for all monitored outfalls for the reporting period."

AES-PR previously timely submitted all required MDMR forms to the eNOI system, as required by the previous ACO and Section 7.1 of the MSGP. Nonetheless, in compliance with the new AOC requirement, AES-PR hereby submits copies of the required MDMR forms as attachments to this letter, as well as evidence showing the forms were filed online using EPA's eNOI system. We submit these forms and proof of previous filing with EPA's eNOI system for your acceptance and closure of the requirement set forth in Section VII, ¶66 of the AOC.

Please note that AES-PR is submitting these forms one day after signing the AOC, well in advance of the required deadline. We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶66 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards,

Manuel Mata
President AES Puerto Rico
Attachments

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata
President AES Puerto Rico

3/20/15
Date

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 1

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q4 2013 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☑ Submitting monitoring data (Fill in all Sections).
- ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65

Note: Read instructions before completing this Form.

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: MANUEL MATA Email: manuel.mata@aes.com

Phone: 787-866-8117 Ext. 2233

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone: 787-866-8117 Ext. 2266

C. Discharge Information

1. Identify monitoring period: ☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☐ Quarter 1:	From	01/01	To	03/31
☐ Quarter 2 (July 1 – September 30)	☐ Quarter 2:	From	04/01	To	06/30
☐ Quarter 3 (October 1 – December 31)	☐ Quarter 3:	From	07/01	To	09/30
☐ Quarter 4 (January 1 – March 31)	☑ Quarter 4:	From	10/01	To	12/31

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table.

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information

Note: Make additional copies of this form as necessary.

1. Permit Tracking Number: PRR05BL65

2. Nature of Discharge: ☑ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): 01 2.b. Rainfall amount (inches): 00.3 2.c. Time since previous measurable storm event (days): 019

3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	93.6	mg/L		10/08/13	☐	☐
002	QMB	Iron	116	mg/L		10/08/13	☐	☐
002	QMB	Lead	0.008	mg/L		10/08/13	☐	☐
002	QMB	Zinc	0.272	mg/L		10/08/13	☐	☐
004	QMB	Aluminum	11.1	mg/L		10/08/13	☐	☐
004	QMB	Iron	13.2	mg/L		10/08/13	☐	☐
004	QMB	Lead	0.007	mg/L		10/08/13	☐	☐
004	QMB	Zinc	0.082	mg/L		10/08/13	☐	☐
003	QMB	Aluminum	2.49	mg/L		10/08/13	☐	☐
003A	QMB	Iron	2.41	mg/L		10/08/13	☐	☐
003A	QMB	Lead	0.004	mg/L		10/08/13	☐	☐
003A	QMB	Zinc	0.171	mg/L		10/08/13	☐	☐

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		3/17/15
Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1. Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2. Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3.A. *Monitored Outfall Name:* List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B. *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)].

3.C *No Discharge:* Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	☐
Outfall D		☒

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

1. Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

3.a. *Outfall Name*: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).

3.b. *Monitoring Type*: Provide the type of monitoring using the specified codes, in parentheses, below:
- (QBM) – Quarterly benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

3.c. *Parameter(s)*: Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

3.d. *Quality or Concentration*: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

3.e. *Units*: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.f. *Results Description*: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

3.g. *Collection Date*: Identify the sampling date for each parameter monitoring result reported on this form.

3.h. *Exceedance due to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

3.i. *No further pollutant reductions achievable:* Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "*Name/Title of Principal Executive Officer or Authorized Agent*" with "*Signature of Principal Executive Officer or Authorized Agent,*" "*Date*" form was signed and email of the "*Principal Executive Officer or Authorized Agent.*" If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

(i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or

(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or
For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1305160
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13
TIME: 8:20AM

DESCRIPTION: Stormwater 002
LAB. FILE ID: 1305160
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305160	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	850.	3.50	GN	10/31/13
Aluminum	200.7(ICAP)	Grab	mg/L	93.6	0.050^	BTR	10/22/13
Iron	200.7(ICAP)	Grab	mg/L	116.	0.050^	BTR	10/22/13
Lead	200.7(ICAP)	Grab	mg/L	0.008	0.001	BTR	10/22/13
Zinc	200.7(ICAP)	Grab	mg/L	0.272	0.001	BTR	10/22/13

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.
^Dilution Factor: 5

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Record

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Iris M. Chévere Alfonzo
Lic. # 2370
QUIMICO LICENCIADO
$100 $100 0470242

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-1875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila	
SAMPLE LOCATION/CLIENT ID	stormwater 002	TIME: 8:20 (AM) PM	CONTROL NO. 167581
SAMPLE DATE	10-8-13	BEL. NO. 1305160	

1. General Environmental.		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )		Cyanide	( )	—
Hardness	(X)	13	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			
2. Metals:					
Aluminum (Al)	(X)	13	Cadmium (Cd)	( )	—
Chromium (Cr)	( )	—	Copper (Cu)	( )	—
Iron (Fe)	(X)	13	Lead (Pb)	(X)	13
Manganese (Mn)	( )	—	Mercury (Hg)	( )	—
Nickel (Ni)	( )	—	Selenium (Se)	( )	—
Silver (Ag)	( )		Tin (Sn)	( )	—
Zinc (Zn)	(X)	13	Arsenic (As)	( )	—
Barium (Ba)	( )	—	Boron (B)	( )	—
Antimony (Sb)	( )	—	Beryllium (Be)	( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )	—
Potassium (K)	( )	—	Silicon (Si)	( )	—
Sodium (Na)	( )	—	Strontium (Sr)	( )	—
Thallium (Tl)	( )	—	Titanium (Ti)	( )	—
Vanadium (V)	( )	—	Lithium (Li)	( )	—
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	( )	—	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			
4. Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
			Lindane	( )	—
5. Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 10/8/13 8:46 am
Received by: _____
Date/Time: 10/8/13 8:46 Am
Relinquished by: _____
Date/Time: 10-18-13 11:30 AM
Received by: _____
Date/Time: 10/18/13 11:30am
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

ORIGINAL

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1305161
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13
TIME: 08:35AM

DESCRIPTION: Stormwater 003A
LAB. FILE ID: 1305161
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305161	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	68.0	3.50	GN	10/31/13
Aluminum	200.7(ICAP)	Grab	mg/L	2.49	0.010	BTR	10/22/13
Iron	200.7(ICAP)	Grab	mg/L	2.41	0.010	BTR	10/22/13
Lead	200.7(ICAP)	Grab	mg/L	0.004	0.001	BTR	10/22/13
Zinc	200.7(ICAP)	Grab	mg/L	0.171	0.001	BTR	10/22/13

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Iris M. Chévere Alfonzo Lic. # 2170

Attachment: Chain of Custody Records (1)

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841 7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES Guayama	SAMPLER A. Avila	
SAMPLE LOCATION/CLIENT ID	Stormwater 003 A	TIME 08:35 AM PM	CONTROL NO. 167580
SAMPLE DATE	10-8-13	BEL. NO. 1305161	

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	(X)	1,3	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			

2. Metals:							
Aluminum	(Al)	(X)	1,3	Cadmium	(Cd)	( )	—
Chromium	(Cr)	( )	—	Copper	(Cu)	( )	—
Iron	(Fe)	(X)	1,3	Lead	(Pb)	(X)	1,3
Manganese	(Mn)	( )	—	Mercury	(Hg)	( )	—
Nickel	(Ni)	( )	—	Selenium	(Se)	( )	—
Silver	(Ag)	( )	—	Tin	(Sn)	( )	—
Zinc	(Zn)	(X)	1,2	Arsenic	(As)	( )	—
Barium	(Ba)	( )	—	Boron	(B)	( )	—
Antimony	(Sb)	( )	—	Beryllium	(Be)	( )	—
Bismuth	(Bi)	( )	—	Calcium	(Ca)	( )	—
Chromium, VI	(CrVI)	( )	—	Cobalt	(Co)	( )	—
Magnesium	(Mg)	( )	—	Molybdenum	(Mo)	( )	—
Potassium	(K)	( )	—	Silicon	(Si)	( )	—
Sodium	(Na)	( )	—	Strontium	(Sr)	( )	—
Thallium	(Tl)	( )	—	Titanium	(Ti)	( )	—
Vanadium	(V)	( )	—	Lithium	(Li)	( )	—

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )	—	Corrosivity	( ) —
Reactivity (CN & S)	( )	—	TCLP	( ) —
RCRA Metals	( )	—	Organics-Pest/Herb	( ) —
Organics-BNA	( )	—	Organics-VOA	( ) —
TOX	( )	—		

4. Specific Organics				
Volatiles	( )	—	Phenols GC	( ) —
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( ) —
Herbicides	( )	—	PCB's Only	( ) —
BTEX	( )	—	TPH 418.1	( ) —
TTO & Dioxin	( )	—	TTO	( ) —
			TPH 8015	( ) —
			Lindane	( ) —
5. Microbiology				
Fecal Coliform	( )	—	Total Coliform	( ) —

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 10/16/13 8:46 am
Received by: _____
Date/Time: 10-18-13 8:46 AM
Relinquished by: _____
Date/Time: 10-18-13 11:30 AM
Received by: _____
Date/Time: 10/18/13 11:30 am
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

ORIGINAL

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: November 12, 2013

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1305162
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 10/18/13

SAMPLE DATE: 10/08/13
TIME: 8:42AM

DESCRIPTION: Stormwater 004
LAB. FILE ID: 1305162
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1305162	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	332.	3.50	GN	10/31/13
Aluminum	200.7(ICAP)	Grab	mg/L	11.1	0.010	BTR	10/22/13
Iron	200.7(ICAP)	Grab	mg/L	13.2	0.010	BTR	10/22/13
Lead	200.7(ICAP)	Grab	mg/L	0.007	0.001	BTR	10/22/13
Zinc	200.7(ICAP)	Grab	mg/L	0.082	0.001	BTR	10/22/13

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results apply only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila	
SAMPLE LOCATION/CLIENT ID	Stormwater 004	TIME: 8:42 (AM/PM)	CONTROL NO. 167582
SAMPLE DATE	10-8-13	BEL. NO. 1305162	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	(X)	1,3	Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	(X)	1,3	Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	(X)	1,3	Lead	(Pb)	(X)	1,3
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	(X)	1,3	Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	( )		Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
Volatiles	( )		Phenols GC	( )
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )
Herbicides	( )		PCB's Only	( )
BTEX	( )		TPH 418.1	( )
TTO & Dioxin	( )		TTO	( )
			TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments: _____

ORIGINAL

Sampling Witness: _____
Date/Time: _____
Relinquished by: _____
Date/Time: 10/18/13 5:45pm
Received by: _____
Date/Time: 10-18-13 8:46 Am
Relinquished by: _____
Date/Time: 10-15-13 11:30 Am
Received by: _____
Date/Time: 10/18/13 11:30 am
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 2

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q1 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☐ Submitting monitoring data (Fill in all Sections).
- ☑ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outffalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65

Note: Read instructions before completing this Form.

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: MANUEL MATA Email: manuel.mata@aes.com

Phone: 787-866-8117 Ext. 2233

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone: 787-866-8117 Ext. 2266

C. Discharge Information

1. Identify monitoring period:

☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☑ Quarter 1:	From 01/01	To 03/31
☐ Quarter 2 (July 1 – September 30)	☐ Quarter 2:	From 04/01	To 06/30
☐ Quarter 3 (October 1 – December 31)	☐ Quarter 3:	From 07/01	To 09/30
☐ Quarter 4 (January 1 – March 31)	☐ Quarter 4:	From 10/01	To 12/31

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table.

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information

Note: Make additional copies of this form as necessary.

1. Permit Tracking Number: | | | | | | | | | |

2. Nature of Discharge: ☐ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): | | 2.b. Rainfall amount (inches): | | . | | 2.c. Time since previous measurable storm event (days): | | |

3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		3/17/15
Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1. Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2. Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3.A. *Monitored Outfall Name:* List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B. *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)].

3.C *No Discharge:* Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 3

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q2 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☑ Submitting monitoring data (Fill in all Sections).
- ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65

Note: Read instructions before completing this Form.

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: MANUEL MATA Email: manuel.mata@aes.com

Phone: 787-866-8117 Ext. 2219

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone: 787-866-8117 Ext. 2266

C. Discharge Information

1. Identify monitoring period:

☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☐ Quarter 1:	From	/	To	/		
☐ Quarter 2 (July 1 – September 30)	☑ Quarter 2:	From	04 / 01	To	06 / 30		
☐ Quarter 3 (October 1 – December 31)	☐ Quarter 3:	From	/	To	/		
☐ Quarter 4 (January 1 – March 31)	☐ Quarter 4:	From	/	To	/		

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information

Note: Make additional copies of this form as necessary.

1. Permit Tracking Number: PRR05BL65

2. Nature of Discharge: ☑ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): 01 2.b. Rainfall amount (inches): 00.4 2.c. Time since previous measurable storm event (days): 006

3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	1.63	mg/L		04/02/14	☐	☐
002	QMB	Iron	1.52	mg/L		04/02/14	☐	☐
002	QMB	Lead	0.010	mg/L		04/02/14	☐	☐
002	QMB	Zinc	0.014	mg/L		04/02/14	☐	☐
004	QMB	Aluminum	7.20	mg/L		04/02/14	☐	☐
004	QMB	Iron	7.25	mg/L		04/02/14	☐	☐
004	QMB	Lead	0.026	mg/L		04/02/14	☐	☐
004	QMB	Zinc	0.439	mg/L		04/02/14	☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		3/19/2018
Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2 a-d Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4 If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1 Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2 If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1 Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2 Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2 a If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3 A. *Monitored Outfall Name*: List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)]

3 C *No Discharge*: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	☐
Outfall D		☒

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

1. Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

3.a. *Outfall Name*: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).

3.b. *Monitoring Type*: Provide the type of monitoring using the specified codes, in parentheses, below:
- (QBM) – Quarterly benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

3.c. *Parameter(s)*: Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

3.d. *Quality or Concentration*: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

3.e. *Units*: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.f. *Results Description*: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

3.g. *Collection Date*: Identify the sampling date for each parameter monitoring result reported on this form.

3.h. *Exceedance due to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

3.i. *No further pollutant reductions achievable:* Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "*Name/Title of Principal Executive Officer or Authorized Agent*" with "*Signature of Principal Executive Officer or Authorized Agent,*" "*Date*" form was signed and email of the "*Principal Executive Officer or Authorized Agent.*" If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:
(i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or
For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☑ Submitting monitoring data (Fill in all Sections).
- ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65 — **Note: Read instructions before completing this Form.**

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: MANUEL MATA Email: manuel.mata@aes.com

Phone: 787-866-8117 Ext. 2219

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone: 787-866-8117 Ext. 22666

C. Discharge Information

1. Identify monitoring period:

☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☐ Quarter 1:	From	/	To	/	
☐ Quarter 2 (July 1 – September 30)	☑ Quarter 2:	From	04 / 01	To	06 / 30	
☐ Quarter 3 (October 1 – December 31)	☐ Quarter 3:	From	/	To	/	
☐ Quarter 4 (January 1 – March 31)	☐ Quarter 4:	From	/	To	/	

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2.a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls (List name(s) of outfall(s) substantially identical to outfall in 3.A (if applicable))	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information

Note: Make additional copies of this form as necessary.

1 Permit Tracking Number: PRR05BL65

2. Nature of Discharge: ☑ Rainfall (Complete line items 2 a 2 b & 2 c) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): 01 2 b Rainfall amount (inches): .4 2 c Time since previous measurable storm event (days): 006

3 a. Outfall Name	3 b Monitoring Type (QBM ELG S/T I O)*	3 c Parameter	3 d Quality or Concentration	3 e. Units	3 f Results Description	3 g Collection Date	3 h Exceedance due to natural background pollutant levels	3 i No further pollutant reductions achievable?
003	QMB	Aluminum	0.006	mg/L		04/09/14	☐	☐
003	QMB	Iron	0.023	mg/L		04/09/14	☐	☐
003	QMB	Lead	0.010	mg/L		04/09/14	☐	☐
003	QMB	Zinc	0.057	mg/L		04/09/14	☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐

* (QBM) Quarterly benchmark monitoring (ELG) - Annual effluent limitations guidelines monitoring (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		1/17/15
Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the orginal document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2 a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1. Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2. Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3.A. *Monitored Outfall Name:* List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B. *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)].

3.C. *No Discharge*: Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	☐
Outfall D		☒

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

1. Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

3.a. *Outfall Name*: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).

3.b. *Monitoring Type*: Provide the type of monitoring using the specified codes in parentheses, below:
- (QBM) – Quarterly benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

3.c. *Parameter(s)*: Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

3.d. *Quality or Concentration*: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

3.e. *Units*: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.f. *Results Description*: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

3.g. *Collection Date*: Identify the sampling date for each parameter monitoring result reported on this form.

3.h. *Exceedance due to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

3.i. *No further pollutant reductions achievable*: Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "*Name/Title of Principal Executive Officer or Authorized Agent*" with "*Signature of Principal Executive Officer or Authorized Agent,*" "*Date*" form was signed and email of the "*Principal Executive Officer or Authorized Agent.*" If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:
(i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or
For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 11, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1401355
SAMPLE COLLECTED BY: Client
DATE RECEIVED: 04/04/14

SAMPLE DATE: 04/02/14
TIME: 15:17

DESCRIPTION: 004
LAB. FILE ID: 1401355
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401355	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	132	3.50	HM	04/07/14
Aluminum	200.7(ICAP)	Grab	mg/L	7.20	0.010	BTR	04/09/14
Iron	200.7(ICAP)	Grab	mg/L	7.25	0.010	BTR	04/09/14
Lead	200.7(ICAP)	Grab	mg/L	0.026	0.001	BTR	04/09/14
Zinc	200.7(ICAP)	Grab	mg/L	0.439	0.001	BTR	04/09/14

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonso
Laboratory Director
Chemist License 2370

Iris M. Chévere
Lic. # 2370
A 1486935

Attachment Chain of Custody Records (1)

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES Guayama	SAMPLER Clint	
SAMPLE LOCATION/CLIENT ID	004	TIME 15:17 AM/PM	CONTROL NO. 173743
SAMPLE DATE	4 - 2 - 14	BEL. NO. 1401355	

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	(X)	1,3	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	—
Chromium (Cr)	( )	—	Copper (Cu)	( )	—
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )	—	Mercury (Hg)	( )	—
Nickel (Ni)	( )	—	Selenium (Se)	( )	—
Silver (Ag)	( )	—	Tin (Sn)	( )	—
Zinc (Zn)	(X)	1,3	Arsenic (As)	( )	—
Barium (Ba)	( )	—	Boron (B)	( )	—
Antimony (Sb)	( )	—	Beryllium (Be)	( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )	—
Potassium (K)	( )	—	Silicon (Si)	( )	—
Sodium (Na)	( )	—	Strontium (Sr)	( )	—
Thallium (Tl)	( )	—	Titanium (Ti)	( )	—
Vanadium (V)	( )	—	Lithium (Li)	( )	—
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	( )	—	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			
4. Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
			Lindane	( )	—
5. Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/4/14 11:20 am
Received by: _____
Date/Time: 4-4-14 11:20 pm
Relinquished by: _____
Date/Time: 4-4-14 1:38 pm
Received by: _____
Date/Time: 4/4/14 1:38 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days, additional charges apply for rush orders.

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 11, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1401356
SAMPLE COLLECTED BY: Client
DATE RECEIVED: 04/04/14

SAMPLE DATE: 04/02/14
TIME: 15:00

DESCRIPTION: 002
LAB. FILE ID: 1401356
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401356	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	136.	3.50	HM	04/07/14
Aluminum	200.7(ICAP)	Grab	mg/L	1.63	0.010	BTR	04/09/14
Iron	200.7(ICAP)	Grab	mg/L	1.52	0.010	BTR	04/09/14
Lead	200.7(ICAP)	Grab	mg/L	0.010	0.001	BTR	04/09/14
Zinc	200.7(ICAP)	Grab	mg/L	0.014	0.001	BTR	04/09/14

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonso
Laboratory Director
Chemist License 2370

Iris M. Chévere Alfonso
Lic. # 2370
A 1486930

Attachment: Chain of Custody Records (1)

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO	COMPANY: AES Guayama	SAMPLER: Client	
SAMPLE LOCATION/CLIENT ID	002	TIME: 15:00 AM/PM	CONTROL NO. 174473
SAMPLE DATE	4-2-14	BEL. NO: 1401356	

1. General Environmental		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	(X)	1,3	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			

2. Metals:								
Aluminum	(Al)	(X)	1,3	Cadmium	(Cd)	( )	—
Chromium	(Cr)	( )	—	Copper	(Cu)	( )	—
Iron	(Fe)	(X)	1,3	Lead	(Pb)	(X)	1,3
Manganese	(Mn)	( )	—	Mercury	(Hg)	( )	—
Nickel	(Ni)	( )	—	Selenium	(Se)	( )	—
Silver	(Ag)	( )	—	Tin	(Sn)	( )	—
Zinc	(Zn)	(X)	1,3	Arsenic	(As)	( )	—
Barium	(Ba)	( )	—	Boron	(B)	( )	—
Antimony	(Sb)	( )	—	Beryllium	(Be)	( )	—
Bismuth	(Bi)	( )	—	Calcium	(Ca)	( )	—
Chromium, VI	(CrVI)	( )	—	Cobalt	(Co)	( )	—
Magnesium	(Mg)	( )	—	Molybdenum	(Mo)	( )	—
Potassium	(K)	( )	—	Silicon	(Si)	( )	—
Sodium	(Na)	( )	—	Strontium	(Sr)	( )	—
Thallium	(Tl)	( )	—	Titanium	(Ti)	( )	—
Vanadium	(V)	( )	—	Lithium	(Li)	( )	—

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )	—	Corrosivity	( ) —
Reactivity (CN & S)	( )	—	TCLP	( ) —
RCRA Metals	( )	—	Organics-Pest/Herb	( ) —
Organics-BNA	( )	—	Organics-VOA	( ) —
TOX	( )	—		

4. Specific Organics				
Volatiles	( )	—	Phenols GC	( ) —
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( ) —
Herbicides	( )	—	PCB's Only	( ) —
BTEX	( )	—	TPH 418.1	( ) —
TTO & Dioxin	( )	—	TTO	( ) —
			TPH 8015	( ) —
			Lindane	( ) —

5. Microbiology				
Fecal Coliform	( )	—	Total Coliform	( ) —

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____ 4/4/14 11:20 am
Date/Time: _____
Received by: _____
Date/Time: 4-4-14 11:20 AM
Relinquished by: _____
Date/Time: 4-4-14 1:38 PM
Received by: _____
Date/Time: 4/4/14 1:38 PM
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1401633
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 04/16/14

SAMPLE DATE: 04/10/14
TIME: 7:20AM

DESCRIPTION: Stormwater 003A
LAB. FILE ID: 1401633
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1401633	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	1,200	3.50	HM	04/23/14
Aluminum	200.7(ICAP)	Grab	mg/L	0.068	0.010	BTR	04/24/14
Iron	200.7(ICAP)	Grab	mg/L	0.023	0.010	BTR	04/24/14
Lead	200.7(ICAP)	Grab	mg/L	0.010	0.001	BTR	04/24/14
Zinc	200.7(ICAP)	Grab	mg/L	0.057	0.001	BTR	04/24/14

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results are related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES.
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
• 192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	SAMPLER
	AES Guayama	H. Avila

SAMPLE LOCATION/CLIENT ID	Storm Water 003A	TIME	7:20 AM PM	CONTROL NO.
SAMPLE DATE	4/10/14	BEL NO.	1401633	175914

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	(X)	1,3	Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	(X)	1,3	Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	( )		Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418 1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments:_____

Sampling Witness; _____
Date/Time: _____
Relinquished by: 4/16/2014 1:10 pm
Date/Time: _____
Received by: Edwin Delgado
Date/Time: 4/16/14 1:10 pm
Relinquished by: Edwin Delgado
Date/Time: 4/16/14 2:40 pm
Received by: D. R
Date/Time: 4/10/14 2:40 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air ( ) water (X) sludge ( )
liquid ( ) soil ( ) solid ( )
oil ( ) mixed ( ) other ( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up (X)

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 4

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q3 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☑ Submitting monitoring data (Fill in all Sections).
- ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65

Note: Read instructions before completing this Form.

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: RON RODRIQUE Email: ron.rodriquee@aes.com

Phone: 787-866-8117 Ext. 2219

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone: 787-866-8117 Ext. 22666

C. Discharge Information

1. Identify monitoring period:

☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☐ Quarter 1:	From 01/01 To 03/31
☐ Quarter 2 (July 1 – September 30)	☐ Quarter 2:	From 04/01 To 06/30
☐ Quarter 3 (October 1 – December 31)	☑ Quarter 3:	From 07/01 To 09/30
☐ Quarter 4 (January 1 – March 31)	☐ Quarter 4:	From 10/01 To 12/31

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table.

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information

Note: Make additional copies of this form as necessary.

1. Permit Tracking Number: PRR05BL65

2. Nature of Discharge: ☑ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): 02 2.b. Rainfall amount (inches): 00.5 2.c. Time since previous measurable storm event (days): 004

3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.313	mg/L		07/18/14	☐	☐
002	QMB	Iron	0.102	mg/L		07/18/14	☐	☐
002	QMB	Lead	ND	mg/L	0.001	07/18/14	☐	☐
002	QMB	Zinc	0.016	mg/L		07/18/14	☐	☐
004	QMB	Aluminum	0.248	mg/L		07/18/14	☐	☐
004	QMB	Iron	0.134	mg/L		07/18/14	☐	☐
004	QMB	Lead	ND	mg/L	0.001	07/18/14	☐	☐
004	QMB	Zinc	0.025	mg/L		07/18/14	☐	☐
003	QMB	Aluminum	0.134	mg/L		07/18/14	☐	☐
003	QMB	Iron	0.119	mg/L		07/18/14	☐	☐
003	QMB	Lead	0.004	mg/L		07/18/14	☐	☐
003	QMB	Zinc	0.005	mg/L		07/18/14	☐	☐

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		1/17/15
Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1. Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2. Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3.A. *Monitored Outfall Name:* List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B. *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)].

3.C *No Discharge:* Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	☐
Outfall D		☒

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

1. Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

3.a. *Outfall Name*: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).

3.b. *Monitoring Type*: Provide the type of monitoring using the specified codes, in parentheses, below:
- (QBM) – Quarterly benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

3.c. *Parameter(s)*: Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

3.d. *Quality or Concentration*: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

3.e. *Units*: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.f. *Results Description*: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

3.g. *Collection Date*: Identify the sampling date for each parameter monitoring result reported on this form.

3.h. *Exceedance due to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

3.i. *No further pollutant reductions achievable:* Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "*Name/Title of Principal Executive Officer or Authorized Agent*" with "*Signature of Principal Executive Officer or Authorized Agent,*" "*Date*" form was signed and email of the "*Principal Executive Officer or Authorized Agent.*" If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:
(i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or
For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1403266
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 07/24/14

SAMPLE DATE: 07/18/14
TIME: 7:45

DESCRIPTION: 002
LAB. FILE ID: 1403266
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403266 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	160	3.50	HM	08/05/14
Aluminum	200.7(ICAP)	Grab	mg/L	0.313	0.010	BTR	07/30/14
Iron	200.7(ICAP)	Grab	mg/L	0.102	0.010	BTR	07/30/14
Lead	200.7(ICAP)	Grab	mg/L	<0.001	0.001	BTR	07/30/14
Zinc	200.7(ICAP)	Grab	mg/L	0.016	0.001	BTR	07/30/14

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment Chain of Custody Records (1)

Lcda. Iris M. Chévere Alfonzo
Lic.# 2370
A 1501950

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO	COMPANY: AES Guayama	SAMPLER: H. Avila	
SAMPLE LOCATION CLIENT ID	002	TIME 7:45 AM/PM	CONTROL NO. 177827
SAMPLE DATE	7-18-14	BEL NO. 1403266	

1 General Environmental		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmbos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	(X)	1,3	Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	(X)	1,2	Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	( )		Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4 Specific Organics					
Volatiles	( )		Phenols GC	( )	
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )	
Herbicides	( )		PCB's Only	( )	
BTEX	( )		TPH 418.1	( )	
TTO & Dioxin	( )		TTO	( )	
			TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____ 7-21-14 11:20am
Date/Time: _____
Received by: _____
Date/Time: 7-24-14 11:20 AM
Relinquished by: _____
Date/Time: 7-24-14 12:50 PM
Received by: _____
Date/Time: 7/24/14 12:50pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1403267
SAMPLE COLLECTED BY: Client (H Ávila)
DATE RECEIVED: 07/24/14

SAMPLE DATE: 07/18/14
TIME: 7.55AM

DESCRIPTION: 004
LAB. FILE ID: 1403267
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403267 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness, Total	SM 2340 C*	Grab	mg/L	44.0	3.50	HM	08/05/14
Aluminum	200.7(ICAP)	Grab	mg/L	0.248	0.010	BTR	07/30/14
Iron	200.7(ICAP)	Grab	mg/L	0.134	0.010	BTR	07/30/14
Lead	200.7(ICAP)	Grab	mg/L	<0.001	0.001	BTR	07/30/14
Zinc	200.7(ICAP)	Grab	mg/L	0.025	0.001	BTR	07/30/14

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results relate only to the sample submitted.

Lcda Iris M Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment Chain of Custody Records (1)

Lcda. Iris M. Chévere Alfonzo
Lic. 2370
A-1501945

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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO	COMPANY: AES Guayama	SAMPLER: H. Avila
SAMPLE LOCATION/CLIENT ID: 004	TIME: 7:55 (AM) PM	CONTROL NO.: 177829
SAMPLE DATE: 7-18-14	BEL NO.: 1403267	177829

1 General Environmental		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	(X)	12	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			
2. Metals:					
Aluminum (Al)	(X)	12	Cadmium (Cd)	( )	—
Chromium (Cr)	( )	—	Copper (Cu)	( )	—
Iron (Fe)	(X)	12	Lead (Pb)	(X)	12
Manganese (Mn)	( )	—	Mercury (Hg)	( )	—
Nickel (Ni)	( )	—	Selenium (Sc)	( )	—
Silver (Ag)	( )	—	Tin (Sn)	( )	—
Zinc (Zn)	(X)	12	Arsenic (As)	( )	—
Barium (Ba)	( )	—	Boron (B)	( )	—
Antimony (Sb)	( )	—	Beryllium (Be)	( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )	—
Potassium (K)	( )	—	Silicon (Si)	( )	—
Sodium (Na)	( )	—	Strontium (Sr)	( )	—
Thallium (Tl)	( )	—	Titanium (Ti)	( )	—
Vanadium (V)	( )	—	Lithium (Li)	( )	—
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	( )	—	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			
4. Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
5. Microbiology			Lindane	( )	—
Fecal Coliform	( )	—	Toml Coliform	( )	—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____ 7-24-14 11:20am
Date/Time: _____
Received by: _____
Date/Time: 7-24-14 11:20 am
Relinquished by: _____
Date/Time: 7-24-14 12:50pm
Received by: _____
Date/Time: 7/24/14 12:50pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: August 7, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1403268
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 07/24/14

SAMPLE DATE: 07/18/14
TIME: 8:10AM

DESCRIPTION: 003
LAB. FILE ID: 1403268
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1403268 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Hardness Total	SM 2340 C*	Grab	mg/L	368.	3.50	HM	08/05/14
Aluminum	200.7(ICAP)	Grab	mg/L	0.134	0.010	BTR	07/30/14
Iron	200.7(ICAP)	Grab	mg/L	0.119	0.010	BTR	07/30/14
Lead	200.7(ICAP)	Grab	mg/L	0.004	0.001	HS	07/31/14
Zinc	200.7(ICAP)	Grab	mg/L	0.005	0.001	BTR	07/30/14

*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results relate only to the sample submitted

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment Chain of Custody Record

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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila
SAMPLE LOCATION/CLIENT ID	OD 3	TIME: 8:10 AM (AM) PM
SAMPLE DATE	7-18-14	BEL. NO: 1403268
		CONTROL NO.: 177828

1. General Environmental		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	(X)	1,3	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	—
Chromium (Cr)	( )	—	Copper (Cu)	( )	—
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )	—	Mercury (Hg)	( )	—
Nickel (Ni)	( )	—	Selenium (Se)	( )	—
Silver (Ag)	( )	—	Tin (Sn)	( )	—
Zinc (Zn)	(X)	2	Arsenic (As)	( )	—
Barium (Ba)	( )	—	Boron (B)	( )	—
Antimony (Sb)	( )	—	Beryllium (Be)	( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )	—
Potassium (K)	( )	—	Silicon (Si)	( )	—
Sodium (Na)	( )	—	Strontium (Sr)	( )	—
Thallium (Tl)	( )	—	Titanium (Ti)	( )	—
Vanadium (V)	( )	—	Lithium (Li)	( )	—
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	( )	—	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			
4 Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
			Lindane	( )	—
5 Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
7-27-14 11:20 am
Date/Time: _____
Received by: _____
Date/Time: 7-24-14 11:20 AM
Relinquished by: _____
Date/Time: 7-24-14 12:50 PM
Received by: _____
Date/Time: 7/24/14 12:50pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1 Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days, additional charges apply for rush orders

Original

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 5

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q4 2014 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☑ Submitting monitoring data (Fill in all Sections).
- ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65

Note: Read instructions before completing this Form.

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: RON RODRIQUE Email: ron.rodrique@aes.com

Phone: 787-866-8117 Ext. 2219

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone 787-866-8117 Ext. 2266

C. Discharge Information

1. Identify monitoring period:

☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☐ Quarter 1:	From	01/01	To	03/31
☐ Quarter 2 (July 1 – September 30)	☐ Quarter 2:	From	04/01	To	06/30
☐ Quarter 3 (October 1 – December 31)	☐ Quarter 3:	From	07/01	To	09/30
☐ Quarter 4 (January 1 – March 31)	☑ Quarter 4:	From	10/01	To	12/31

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table.

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information — **Note: Make additional copies of this form as necessary.**

1. Permit Tracking Number: PRR05BL65

2. Nature of Discharge: ☑ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): 01 2.b. Rainfall amount (inches): 00.3 2.c. Time since previous measurable storm event (days): 011

3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.364	mg/L		12/05/14	☐	☐
002	QMB	Iron	0.063	mg/L		12/05/14	☐	☐
002	QMB	Lead	ND	mg/L	0.001	12/05/14	☐	☐
002	QMB	Zinc	0.026	mg/L		12/05/14	☐	☐
001	QMB	Aluminum	0.240	mg/L		12/05/14	☐	☐
001	QMB	Iron	0.244	mg/L		12/05/14	☐	☐
001	QMB	Lead	ND	mg/L	0.001	12/05/14	☐	☐
001	QMB	Zinc	0.016	mg/L		12/05/14	☐	☐
003	QMB	Aluminum	0.124	mg/L		12/16/14	☐	☐
003	QMB	Iron	0.055	mg/L		12/16/14	☐	☐
003	QMB	Lead	0.006	mg/L		12/16/14	☐	☐
003	QMB	Zinc	0.001	mg/L		12/16/14	☐	☐

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date
Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		1/17/15

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1. Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2. Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3.A. *Monitored Outfall Name:* List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B. *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)).

3.C *No Discharge:* Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	☐
Outfall D		☒

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

1. Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

3.a. *Outfall Name*: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).

3.b. *Monitoring Type*: Provide the type of monitoring using the specified codes, in parentheses, below:
- (QBM) – Quarterly benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

3.c. *Parameter(s)*: Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

3.d. *Quality or Concentration*: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

3.e. *Units*: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.f. *Results Description*: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

3.g. *Collection Date*: Identify the sampling date for each parameter monitoring result reported on this form.

3.h. *Exceedance due to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

3.i. *No further pollutant reductions achievable:* Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "*Name/Title of Principal Executive Officer or Authorized Agent*" with "*Signature of Principal Executive Officer or Authorized Agent,*" "*Date*" form was signed and email of the "*Principal Executive Officer or Authorized Agent.*" If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:
(i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or
For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: January 20, 2015

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1405720
SAMPLE COLLECTED BY: Client (H Ávila)
DATE RECEIVED: 12/18/14

SAMPLE DATE: 12/16/14
TIME: 13:30

DESCRIPTION: Stormwater 003
LAB. FILE ID: 1405720
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405720 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS	SM 2540 D*	Grab	mg/L	20.0	4.00	NL	12/18/14
Aluminum	200.7(ICAP)	Grab	mg/L	0.124	0.005	HS	01/14/15
Iron	200.7(ICAP)	Grab	mg/L	0.055	0.010	HS	01/12/15
Lead	200.7(ICAP)	Grab	mg/L	0.006	0.001	HS	01/12/15
Zinc	200.7(ICAP)	Grab	mg/L	0.011	0.001	HS	01/12/15

*Standard Methods for the Examination of Water and Waste Water 19th Edition, 1995

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

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192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: A. Avila / Client
SAMPLE LOCATION/CLIENT ID	Stormwater 003	TIME: 13:30 AM/PM
SAMPLE DATE	12-16-14	BEL NO.: 1405720
		CONTROL NO.: 180215

1. General Environmental:		PC
Acidity	( )	
Ammonia as N	( )	
BOD-5	( )	
Chloride	( )	
COD	( )	
Conductivity µmhos/cm	( )	
Dissolved Oxygen	( )	
Hardness	( )	
Moisture %	( )	
Nitrite	( )	
Oil+Grease	( )	
Phenol	( )	
Phosphorus, Total	( )	
Sett Solids mg/L	( )	
Sulfate	( )	
Sulfite	( )	
TDS	( )	
Temperature, °C	( )	
TOC	( )	
Asbestos	( )	
TVS	( )	
Total Nitrogen	( )	

VSS		PC
Alkalinity	( )	
Bicarbonate	( )	
Bromide	( )	
Chlorine, Res	( )	
Color (ADMI)	( )	
Color (Pt-Co)	( )	
Cyanide	( )	
Fluoride	( )	
Iodide	( )	
Nitrate	( )	
Nitrate + Nitrite	( )	
pH, S.U.	( )	
Phosphate, Ortho	( )	
Sett Solids mL/L	( )	
Solids, Total	( )	
Sulfide	( )	
Surfactant	( )	
TSS	(X)	1
TKN	( )	
Turbidity	( )	
Carbonate	( )	

2. Metals:			PC
Aluminum	(Al)	(X)	1,2
Chromium	(Cr)	( )	
Iron	(Fe)	(X)	1,2
Manganese	(Mn)	( )	
Nickel	(Ni)	( )	
Silver	(Ag)	( )	
Zinc	(Zn)	(X)	1,2
Barium	(Ba)	( )	
Antimony	(Sb)	( )	
Bismuth	(Bi)	( )	
Chromium, VI	(CrVI)	( )	
Magnesium	(Mg)	( )	
Potassium	(K)	( )	
Sodium	(Na)	( )	
Thallium	(Tl)	( )	
Vanadium	(V)	( )	

			PC
Cadmium	(Cd)	( )	
Copper	(Cu)	( )	
Lead	(Pb)	(X)	1,2
Mercury	(Hg)	(X)	1,2
Selenium	(Se)	( )	
Tin	(Sn)	( )	
Arsenic	(As)	( )	
Boron	(B)	( )	
Beryllium	(Be)	( )	
Calcium	(Ca)	( )	
Cobalt	(Co)	( )	
Molyhdenum	(Mo)	( )	
Silicon	(Si)	( )	
Strontium	(Sr)	( )	
Titanium	(Ti)	( )	
Lithium	(Li)	( )	

3. RCRA/Hazardous wastes		PC
Ignitability (Flash Pt.)	( )	
Reactivity (CN & S)	( )	
RCRA Metals	( )	
Organics-BNA	( )	
TOX	( )	

		PC
Corrosivity	( )	
TCLP	( )	
Organics-Pest/Herb	( )	
Organics-VOA	( )	

4. Specific Organics		PC
Volatiles	( )	
Pesticides/PCB's	( )	
Herbicides	( )	
BTEX	( )	
TTO & Dioxin	( )	

		PC
Phenols GC	( )	
Semi-Volatiles (BNA)	( )	
PCB s Only	( )	
TPH 418 1	( )	
TTO	( )	
TPH 8015	( )	
Lindane	( )	

5. Microbiology		PC
Fecal Coliform	( )	

		PC
Total Coliform	( )	

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: X _____
Date/Time: 12/16/14 11:00
Received by: _____
Date/Time: 12-16-14 11:00
Relinquished by: _____
Date/Time: 12-16-14 3:00 pm
Received by: _____
Date/Time: 12/16/14 3:05pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1 Cool.<6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: December 19, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1405521
SAMPLE COLLECTED BY: Client (Ávila)
DATE RECEIVED: 12/08/14

SAMPLE DATE: 12/05/14
TIME: 15:40

DESCRIPTION: Stormwater 002
LAB. FILE ID: 1405521
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405521 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.364	0.005	BTR	12/15/14
Iron	200.7(ICAP)	Grab	mg/L	0.063	0.010	BTR	12/15/14
Lead	200.7(ICAP)	Grab	mg/L	<0 001	0.001	BTR	12/15/14
Zinc	200.7(ICAP)	Grab	mg/L	0.026	0.001	BTR	12/15/14

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results relate only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

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192 Villa Street • Ponce, PR 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES GMA.	SAMPLER Avila	
SAMPLE LOCATION/CLIENT ID	Storm Water 002	TIME 15:40 AM/PM	CONTROL NO. 179975
SAMPLE DATE	12-5-14	BEL. NO 1405521	

1. General Environmental		PC	VSS			PC
Acidity	( )	—	Alkalinity		( )	—
Ammonia as N	( )	—	Bicarbonate		( )	—
BOD-5	( )	—	Bromide		( )	—
Chloride	( )	—	Chlorine, Res.		( )	—
COD	( )	—	Color (ADMI)		( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)		( )	—
Dissolved Oxygen	( )	—	Cyanide		( )	—
Hardness	( )	—	Fluoride		( )	—
Moisture %	( )	—	Iodide		( )	—
Nitrite	( )	—	Nitrate		( )	—
Oil+Grease	( )	—	Nitrate + Nitrite		( )	—
Phenol	( )	—	pH, S.U.		( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho		( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L		( )	—
Sulfate	( )	—	Solids, Total		( )	—
Sulfite	( )	—	Sulfide		( )	—
TDS	( )	—	Surfactant		( )	—
Temperature, °C	( )	—	TSS		~~( )~~	~~E.I~~
TOC	( )	—	TKN		( )	—
Asbestos	( )	—	Turbidity		( )	—
TVS	( )	—	Carbonate		( )	—
Total Nitrogen	( )	—				
2. Metals:						
Aluminum (Al)	(X)	1,3	Cadmium (Cd)		( )	—
Chromium (Cr)	( )	—	Copper (Cu)		( )	—
Iron (Fe)	(X)	1,3	Lead (Pb)		(X)	1,3
Manganese (Mn)	( )	—	Mercury (Hg)		( )	—
Nickel (Ni)	( )	—	Selenium (Se)		( )	—
Silver (Ag)	( )	—	Tin (Sn)		( )	—
Zinc (Zn)	(X)	1,3	Arsenic (As)		( )	—
Barium (Ba)	( )	—	Boron (B)		( )	—
Antimony (Sb)	( )	—	Beryllium (Be)		( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)		( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)		( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)		( )	—
Potassium (K)	( )	—	Silicon (Si)		( )	—
Sodium (Na)	( )	—	Strontium (Sr)		( )	—
Thallium (Tl)	( )	—	Titanium (Ti)		( )	—
Vanadium (V)	( )	—	Lithium (Li)		( )	—
3. RCRA/Hazardous wastes						
Ignitability (Flash Pt.)	( )	—	Corrosivity		( )	—
Reactivity (CN & S)	( )	—	TCLP		( )	—
RCRA Metals	( )	—	Organics-Pest/Herb		( )	—
Organics-BNA	( )	—	Organics-VOA		( )	—
TOX	( )	—				
4. Specific Organics						
Volatiles	( )	—	Phenols GC		( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)		( )	—
Herbicides	( )	—	PCB's Only		( )	—
BTEX	( )	—	TPH 418.1		( )	—
TTO & Dioxin	( )	—	TTO		( )	—
			TPH 8015		( )	—
			Lindane		( )	—
5. Microbiology						
Fecal Coliform	( )	—	Total Coliform		( )	—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____ 12/8/14 1:30pm
Date/Time: _____
Received by: _____
Date/Time: 12-8-14 1:15PM
Relinquished by: _____
Date/Time: 12-8-14 2:30PM
Received by: _____
Date/Time: 12/8/14 2:35pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: December 19, 2014

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1405522
SAMPLE COLLECTED BY: Client (Ávila)
DATE RECEIVED: 12/08/14

SAMPLE DATE: 12/05/14
TIME: 15:50

DESCRIPTION: Stormwater 004
LAB. FILE ID: 1405522
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1405522 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.240	0.005	BTR	12/15/14
Iron	200.7(ICAP)	Grab	mg/L	0.244	0.010	BTR	12/15/14
Lead	200.7(ICAP)	Grab	mg/L	<0.001	0.001	BTR	12/15/14
Zinc	200.7(ICAP)	Grab	mg/L	0.016	0.001	BTR	12/15/14

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

ESTADO LIBRE ASOCIADO DE PUERTO RICO

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS.
REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES
CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING
• CERTIFICATION NUMBER E87556 •
192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gma.	SAMPLER	Avila
SAMPLE LOCATION/CLIENT ID	Storm Water 004	TIME	15:50 AM PM	CONTROL NO. 179976
SAMPLE DATE	12-5-14	BEL. NO.	1405522	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Sc)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	(X)	1,3	Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	( )		Organics Pest/Herb	( )	
Organics-BNA	( )		Organics VOA	( )	
TOX	( )				
4. Specific Organics					
Volatiles	( )		Phenols GC	( )	
Pesticides/PCB's	( )		Semi-Volatiles (BNA)	( )	
Herbicides	( )		PCB's Only	( )	
BTEX	( )		TPH 418.1	( )	
TTO & Dioxin	( )		TTO	( )	
			TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments:_____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 12/8/14 1:10pm
Received by: _____
Date/Time: 12-8-14 1:15PM
Relinquished by: _____
Date/Time: 12-8-14 2:30PM
Received by: _____
Date/Time: 12/8/14 2:30pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air ( ) water (X) sludge ( )
liquid ( ) soil ( ) solid ( )
oil ( ) mixed ( ) other ( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Original

Administrative Order on Consent
AES Puerto Rico Coal Fired Power Plant
Docket Number CWA-02-2015-3102
NPDES Tracking Number PRU020663

Attachment 6

Administrative Order on Consent Docket Number CWA-02-2015-3102

Compliance with AOC Section VII, ¶66

Required Reporting for Q1 2015 under Section B-12 of our MSGP

Industrial Discharge Monitoring Report (MDMR)

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved.
OMB No. 2040-0004

Reason(s) for Submission (Check all that apply):

- ☑ Submitting monitoring data (Fill in all Sections).
- ☐ Reporting no discharge for all outfalls for this monitoring period (Fill in Sections A, B, C.1, D, and F).
- ☐ Reporting that your site status has changed to inactive and unstaffed (Fill in Sections A, B, F and include date of status change in comment field in Section E.4).
- ☐ Reporting that your site status has changed to active (Fill in all Sections and include date of status change in comment field in Section E.4).
- ☐ Reporting that no further pollutant reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the MSGP (Fill in Sections A, B and F).

A. Permit Tracking Number: PRR05BL65

Note: Read instructions before completing this Form.

B. Facility Information

1. Facility Name: AES PUERTO RICO

2. Facility Location:

a. Street: PR-03 KM 142.0 BO. JOBOS

b. City: GUAYAMA c. State: PR d. Zip Code: 00785-

3. Additional Facility Information (Optional):

Contact Name: MANUEL MATA Email: manuel.mata@aes.com

Phone: 787-866-8117 Ext. 22233

4. MDMR Preparer (Complete if MDMR was prepared by someone other than the person signing the certification in Section F)

Prepared by: HECTOR M AVILA

Organization: AES PUERTO RICO

Email: hector.avila@aes.com

Phone: 787-866-8117 Ext. 22666

C. Discharge Information

1. Identify monitoring period:

☑ Check here if proposing alternative monitoring periods due to irregular stormwater runoff. Identify alternative monitoring schedule and indicate for which alternative monitoring period you are reporting monitoring data:

☐ Quarter 1 (April 1 – June 30)	☑ Quarter 1:	From	01/01	To	03/31
☐ Quarter 2 (July 1 – September 30)	☐ Quarter 2:	From	04/01	To	06/30
☐ Quarter 3 (October 1 – December 31)	☐ Quarter 3:	From	07/01	To	09/30
☐ Quarter 4 (January 1 – March 31)	☐ Quarter 4:	From	10/01	To	12/31

2. Are you required to monitor for cadmium, copper, chromium, lead, nickel, silver, or zinc? ☑ Yes (Complete line item 2.a.) ☐ No (Skip to Section D)

2a. What is the hardness level of the receiving water? 6800 mg/L

D. Outfall Information

1. How many outfall(s) are identified in your SWPPP? 03 List name of outfall(s) required to be monitored in table below.

2. Do any of your outfalls discharge substantially identical effluents? ☐ YES ☑ NO

2.a. If yes, for each monitored outfall, indicate outfall names that are substantially identical in table below.

3.A. Monitored Outfall Name*	3.B. Substantially Identical Outfalls [List name(s) of outfall(s) substantially identical to outfall in 3.A. (if applicable)]	3.C. No Discharge?
		☐
		☐
		☐
		☐
		☐

*Reference attachment if additional space needed to complete the table.

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
MSGP INDUSTRIAL DISCHARGE MONITORING REPORT (MDMR)

Form Approved. OMB No. 2040-0004

E. Monitoring Information — **Note: Make additional copies of this form as necessary.**

1. Permit Tracking Number: PRR05BL65

2. Nature of Discharge: ☑ Rainfall (Complete line items 2.a., 2.b., & 2.c.) ☐ Snowmelt

2.a. Duration of the rainfall event (hours): 01 2.b. Rainfall amount (inches): 00.3 2.c. Time since previous measurable storm event (days): 003

3.a. Outfall Name	3.b. Monitoring Type (QBM, ELG, S/T, I, O)*	3.c. Parameter	3.d. Quality or Concentration	3.e. Units	3.f. Results Description	3.g. Collection Date	3.h. Exceedance due to natural background pollutant levels	3.i. No further pollutant reductions achievable?
002	QMB	Aluminum	0.0.947	mg/L		2/19/15	☐	☐
002	QMB	Iron	0.272	mg/L		2/19/15	☐	☐
002	QMB	Lead	0.004	mg/L		2/19/15	☐	☐
002	QMB	Zinc	0.006	mg/L		2/19/15	☐	☐
001	QMB	Aluminum	0.568	mg/L		2/19/15	☐	☐
001	QMB	Iron	0.344	mg/L		2/19/15	☐	☐
001	QMB	Lead	0.002	mg/L		2/19/15	☐	☐
001	QMB	Zinc	0.124	mg/L		2/19/15	☐	☐
003	QMB	Aluminum	0.912	mg/L		2/19/15	☐	☐
003	QMB	Iron	0.396	mg/L		2/19/15	☐	☐
003	QMB	Lead	0.007	mg/L		2/19/15	☐	☐
003	QMB	Zinc	0.009	mg/L		2/19/15	☐	☐

* (QBM) - Quarterly benchmark monitoring; (ELG) - Annual effluent limitations guidelines monitoring; (S/T) - State- or Tribal-specific monitoring; (I) - Impaired waters monitoring; (O) -Other monitoring as required by EPA

4. Comment and/or Explanation of Any Violations (Reference all attachments here)

F. Certification

Typed or Printed Name/Title of Principal Executive Officer or Authorized Agent		Signature of Principal Executive Officer or Authorized Agent	Date
Hector M. Avila	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		3/9/15

Email of Principal Executive Officer or Authorized Agent: hector.avila@aes.com

Instructions for Completing the MSGP Industrial Discharge Monitoring Report (MDMR)

Who Must Submit A Discharge Monitoring Report to EPA?

Facilities covered under the Multi-Sector General Permit (MSGP or permit) that are required to monitor pursuant to Parts 6.2, 6.3, and 8 of the permit must submit the MSGP Discharge Monitoring Report (MDMR) consistent with the reporting requirements specified in Part 7.1 of the permit.

Where to File the MDMR Form

Monitoring data collected pursuant to Parts 6.2, 6.3, and 8 of the permit must be submitted electronically via EPA's Electronic Notice of Intent System (eNOI), which can be found at www.epa.gov/npdes/enoi. Filing electronically will allow permittees to easily submit the results of monitoring data to EPA. If you cannot access eNOI, monitoring results must be reported on the paper MDMR form and sent to one of the following addresses:

Via U.S. mail:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Mail Code 4203M, ATTN: MSGP Reports
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Via Overnight/Express Delivery:
U.S. Environmental Protection Agency
Office of Water, Water Permits Division
Room 7420, ATTN: MSGP Reports
1201 Constitution Avenue, NW
Washington, D.C. 20004
Phone number: 202-564-9545

Completing the MDMR Form

To complete this form, type or print in uppercase letters in the appropriate areas only. Be sure that you complete all applicable questions. Photocopy your MDMR form for your records before you send the completed original form to the appropriate address above. Use ink when you sign and mail the original document – EPA will not accept photocopies. You may also use this paper form as a checklist for the information you will need when submitting a MDMR electronically via EPA's eNOI system.

Reasons for Submission

Indicate your reason(s) for submitting this MDMR by checking all boxes that apply. The reasons for submission are defined as follows:

- *Submitting monitoring data*: For each storm sampled, submit one MDMR form with data for all outfalls sampled. Select this reason even if you only have monitoring data for some of your outfalls (i.e., some outfalls did not discharge). If you select this reason you are required to complete all Sections of the form.
- *Reporting no discharge for all outfalls for this monitoring period*: Indicates that there were no discharges from all outfalls during this monitoring period. If you select this reason you are only required to complete Sections A, B, C.1, D, and F.
- *Reporting that your site status has changed to inactive and unstaffed*: Indicates that your facility is currently inactive and unstaffed (See Part 6.2.1.3 of the permit for more information). If you select this reason you are only required to complete Sections A, B, and F and include date of status change in the comment field in Section E.4.
- *Reporting that you site status has changed from inactive to active*: Indicates that your facility is currently active (See Part 6.2.1.3 of the permit for more information). If you select this reason you are required to complete all Sections of the form and include date of status change in the comment field in Section E.4.
- *Reporting that no further reductions are achievable for all outfalls and for all pollutants via Part 6.2.1.2 of the permit*: Indicates that your facility has determined that no further pollutant reductions are technologically and economically practicable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1.2 of the permit for more information). If you select this reason you are required to complete Sections A, B and F. However, if you can make this finding for some outfalls and pollutants, but not for others, you cannot select this reason; you will instead be able to identify which outfalls and which pollutants you can make this finding for in Section E.

Section A. Permit Tracking Number

Enter the National Pollutant Discharge Elimination System (NPDES) tracking number assigned by EPA's Stormwater Notice Processing Center to the facility. If you do not know the tracking number, you can find the tracking number assigned to your facility on EPA's Notice of Intent (NOI) Search website (www.epa.gov/npdes/noisearch).

Section B. Facility Information

1. Enter the facility's official or legal name. Unless the name of your facility has changed, please use the same name provided on your NOI. You can use EPA's NOI Search website (www.epa.gov/npdes/noisearch) to view your NOI.

2.a-d. Enter the street address, including city, state, and zip code of the actual physical location of the facility. Do not use a P.O. Box.

3. (Optional) Identify the name, telephone number, and email address of the person who will serve as a contact for EPA on issues related to monitoring at your facility. This person should be able to answer questions related to stormwater discharges and monitoring or have immediate access to individuals with that knowledge. This person does not have to be the facility operator, but should have intimate knowledge of monitoring activities at the facility.

4. If the form was prepared by someone other than the person who is signing the certification statement in Section F (for example, if the MDMR was prepared by a member of the facility's stormwater pollution prevention team or a consultant for the certifier's signature), include the name, organization, phone number and email address of the MDMR preparer.

Section C. Discharge Information

1. Indicate the appropriate monitoring period (Quarter 1, 2, 3, or 4) covered by the MDMR. "Alternative" monitoring periods can apply to facilities located in arid and semi-arid climates, or in areas subject to snow or prolonged freezing. To use alternative monitoring periods, you must provide a revised monitoring schedule here in the first monitoring report submitted and indicate for which alternative monitoring period you are reporting monitoring data. If using alternative monitoring periods, identify the first day of the monitoring period through the last day of the monitoring period for each of the four periods. The dates should be displayed as month (Mo) / day (Day). See Parts 6.1.6 and 6.1.7 of the permit for more information.

2. If you are submitting benchmark monitoring data, identify if your facility is required to collect benchmark samples for one or more hardness-dependent metals (i.e., cadmium, copper, lead, nickel, silver, and zinc). If you select "yes" to this question you must also complete Question 2.a. and if you select "no" to this question you may skip to Section D.

2.a. If you selected "yes" for Question 2 under Section C, then you are required to submit to EPA with your first benchmark report a hardness level, established consistent with the procedures in Appendix J of the permit, which is representative of your receiving water. If your outfalls discharge to more than one receiving water, as reported in your NOI form, you should report hardness for the receiving water with the lowest hardness values. Hardness values must be reported in milligrams per liter (mg/L).

Section D. Outfall Information

1. Enter the total number of outfalls identified in your stormwater pollution prevention plan (SWPPP). Outfalls are locations where stormwater exits the facility, including pipes, ditches, swales, and other structures used to remove stormwater from the facility.

2. Indicate if your facility has two or more outfalls that you believe discharge substantially identical effluents (i.e., stormwater), based on the similarities of the general industrial activities and control measures, exposed materials that may significantly contribute pollutants to stormwater, and runoff coefficients of their drainage areas. See Parts 5.1.5.2 and 6.1.1 of the permit for more information on substantially identical outfalls.

2.a. If you selected "yes" for Question 2 under Section D, then you must list the outfall name(s) in Column 3.B. that you expect to be substantially identical to the corresponding outfall in Column 3.A.

3.A. *Monitored Outfall Name:* List name(s) of outfall(s) you are required to monitor in Column 3.A.

3.B. *Substantially Identical Outfalls:* List name(s) of outfall(s) substantially identical to "*Monitored Outfall*" in Column 3.A. (if applicable)].

3.C *No Discharge:* Check box if you are reporting "No Discharge" for the monitored outfall for the reporting period identified in Section C.1.

Example:

3.A Monitored Outfall Name	3.B. Substantially Identical Outfall	3.C. No Discharge
Outfall A	Outfall B; Outfall C	☐
Outfall D		☒

Reference attachment if additional space is needed to complete the Table Section D.

Section E. Monitoring Information

1. Enter the NPDES tracking number assigned by EPA's Stormwater Notice Processing Center to the facility reported in Section A.
2. For the reported monitoring event indicate whether the discharge was from a rainfall or snowmelt event. If you select "rainfall" then indicate the duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event in line items 2.a-c. For both rainfall and snowmelt monitoring, you must identify the date of collection for the monitoring event in column 3.g. of the table. If the discharge occurs during a period of both rainfall and snowmelt, check both the rainfall and snowmelt boxes and report the appropriate rainfall information in item 2.a-c. To report multiple monitoring events in the same reporting period, copy Page 2 of this Form and enter each monitoring event separately with data for all outfalls sampled.

For each pollutant monitored at an outfall, you must complete one row in the Table as follows:

3.a. *Outfall Name*: Provide the outfall name for which you monitored (e.g., Outfall 1, Outfall 2, Outfall 3).

3.b. *Monitoring Type*: Provide the type of monitoring using the specified codes, in parentheses, below:
- (QBM) – Quarterly benchmark monitoring
- (ELG) – Annual effluent limitations guidelines monitoring;
- (S/T) – State- or Tribal-specific monitoring;
- (I) – Impaired waters monitoring; or
- (O) – Other monitoring as required by EPA.

3.c. *Parameter(s)*: Enter each "Parameter" (or "pollutant") monitored. For QBM and ELG monitoring, use the same parameter name as in Part 8 of the permit.

3.d. *Quality or Concentration*: Enter sample measurement value for each parameter analyzed and required to be reported. Enter "ND" (i.e., not detected) for any sample results below the method detection limit or "BQL" (i.e., below quantitation limit) for sample results above the detection limit but below the quantitation limit.

3.e. *Units*: Enter the units for sample measurement values (i.e., "mg/L" for milligrams per liter) for each parameter analyzed and required to be reported. For monitoring results reported as ND or BQL this space will be left blank and the units will be reported in Column 3.f.

3.f. *Results Description*: This section must be completed for any monitoring results reported as ND or BQL in the "Quality or Concentration" column. For ND, report the laboratory detection level and units in this column. For BQL, report the laboratory quantitation limit and units in this column.

3.g. *Collection Date*: Identify the sampling date for each parameter monitoring result reported on this form.

3.h. *Exceedance due to natural background pollutant levels:* Check box if following the first 4 quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than 4 quarters of data) you have determined that the exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background for that outfall and any substantially identical outfalls. See Part 6.2.4.2 of the permit for more information. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

3.i. *No further pollutant reductions achievable:* Check box if after collection of 4 quarterly samples (or sooner if the exceedance is triggered by less than 4 quarters of data), the average of the 4 monitoring values for any parameter exceeds the benchmark and you have made the determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet the water-quality-based effluent limitations in Parts 2 of the permit (See Part 6.2.1. of the permit for more information) for that outfall and any substantially identical outfalls. Attach supporting rationale for your determination to the submitted MDMR and reference attachment in Section E.4.

4. Where violations of the permit requirements are reported, include a brief explanation to describe the cause and corrective actions taken, and reference each violation by date. Also, this section should include any additional comments such as are required when changing site status from inactive and unstaffed to active or vice versa. Attach additional pages if you need more space.

Attach additional copies of Section E as necessary to address all outfalls and parameters.

Section F. Certification

Enter "*Name/Title of Principal Executive Officer or Authorized Agent*" with "*Signature of Principal Executive Officer or Authorized Agent,*" "*Date*" form was signed and email of the "*Principal Executive Officer or Authorized Agent.*" If you submit multiple pages of Section E monitoring data, each page must be appropriately signed and certified as described below.

Certification statement and signature (see Section B.11 in Appendix B of the permit for more information). Federal statutes provide for severe penalties for submitting false information on this reporting form. Federal regulations require this form to be signed by one of the following individuals, or a duly authorized representative of that person, as follows:

For a corporation: by a responsible corporate officer, which means:

(i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or

(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

For a partnership or sole proprietorship: by a general partner or the proprietor; or
For a municipal, State, Federal, or other public facility: by either a principal executive or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this certification is estimated to average 7.25 hours per response plus an additional 2 hours for respondents required to gather hardness data, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Office of Environmental Information Services, Collection Services Division (2823), USEPA, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include the OMB control number of this form on any correspondence. Do not send the completed MDMR form to this address.

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1500639
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 02/19/15

SAMPLE DATE: 02/19/15
TIME: 6:30AM

DESCRIPTION: SW - 001
LAB. FILE ID: 1500639
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500639 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS	SM 2540 D*	Grab	mg/L	<4.00	4.00	WV	02/24/15
Aluminum	200.7(ICAP)	Grab	mg/L	0.568	0.005	BTR	02/24/15
Iron	200.7(ICAP)	Grab	mg/L	0.344	0.010	BTR	02/24/15
Lead	200.7(ICAP)	Grab	mg/L	0.002	0.001	BTR	02/24/15
Zinc	200.7(ICAP)	Grab	mg/L	0.124	0.001	BTR	02/24/15

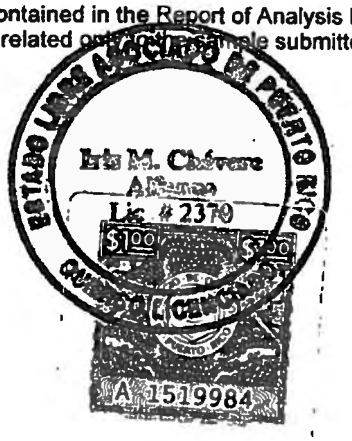
TSS-Total Suspended Solids
*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)



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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila	
SAMPLE LOCATION/CLIENT ID	SW-001	TIME: 6:30 (AM) PM	CONTROL NO: 180221
SAMPLE DATE	2-19-15	BEL. NO: 1500639	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlonne. Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	(X)	1
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	(X)	1,3	Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	( )		Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: _____

SamplingWitness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 2-19-15 1:10 pm
Received by: _____
Date/Time: 2-19-15 1:10 pm
Relinquished by: _____
Date/Time: 2-19-15 3:05 pm
Received by: _____
Date/Time: 2-19-15 3:05 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Original

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LABORATORIES, INC.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1500640
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 02/19/15

SAMPLE DATE: 02/19/15
TIME: 6:35AM

DESCRIPTION: SW - 002
LAB. FILE ID: 1500640
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500640 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS	SM 2540 D*	Grab	mg/L	6.00	4.00	WV	02/24/15
Aluminum	200.7(ICAP)	Grab	mg/L	0.947	0.005	BTR	02/24/15
Iron	200.7(ICAP)	Grab	mg/L	0.272	0.010	BTR	02/24/15
Lead	200.7(ICAP)	Grab	mg/L	0.004	0.001	BTR	02/24/15
Zinc	200.7(ICAP)	Grab	mg/L	0.006	0.001	BTR	02/24/15

TSS-Total Suspended Solids
*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

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Iris M. Chévere Alfonzo
Núm. 2370
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CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: H. Avila	
SAMPLE LOCATION/CLIENT ID	SW_ 002	TIME: 6:35 (AM) PM	CONTROL NO. 180803
SAMPLE DATE	2-19-15	BEL NO. 1500640	

1. General Environmental		PC	VSS			PC
Acidity	( )		Alkalinity	( )		
Ammonia as N	( )		Bicarbonate	( )		
BOD-5	( )		Bromide	( )		
Chloride	( )		Chlorine, Res.	( )		
COD	( )		Color (ADMI)	( )		
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )		
Dissolved Oxygen	( )		Cyanide	( )		
Hardness	( )		Fluoride	( )		
Moisture %	( )		Iodide	( )		
Nitrite	( )		Nitrate	( )		
Oil+Grease	( )		Nitrate + Nitrite	( )		
Phenol	( )		pH, S.U.	( )		
Phosphorus, Total	( )		Phosphate, Ortho	( )		
Sett Solids mg/L	( )		Sett. Solids mL/L	( )		
Sulfate	( )		Solids, Total	( )		
Sulfite	( )		Sulfide	( )		
TDS	( )		Surfactant	( )		
Temperature, °C	( )		TSS	(X)		1
TOC	( )		TKN	( )		
Asbestos	( )		Turbidity	( )		
TVS	( )		Carbonate	( )		
Total Nitrogen	( )					
2. Metals:						
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )		
Chromium (Cr)	( )		Copper (Cu)	( )		
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)		1,3
Manganese (Mn)	( )		Mercury (Hg)	( )		
Nickel (Ni)	( )		Selenium (Se)	( )		
Silver (Ag)	( )		Tin (Sn)	( )		
Zinc (Zn)	(X)	1,3	Arsenic (As)	( )		
Barium (Ba)	( )		Boron (B)	( )		
Antimony (Sb)	( )		Beryllium (Be)	( )		
Bismuth (Bi)	( )		Calcium (Ca)	( )		
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )		
Magnesium (Mg)	( )		Molybdenum (Mo)	( )		
Potassium (K)	( )		Silicon (Si)	( )		
Sodium (Na)	( )		Strontium (Sr)	( )		
Thallium (Tl)	( )		Titanium (Ti)	( )		
Vanadium (V)	( )		Lithium (Li)	( )		
3. RCRA/Hazardous wastes						
Ignitability (Flash Pt.)	( )		Corrosivity	( )		
Reactivity (CN & S)	( )		TCLP	( )		
RCRA Metals	( )		Organics-Pest/Herb	( )		
Organics-BNA	( )		Organics-VOA	( )		
TOX	( )					
4. Specific Organics			Phenols GC	( )		
Volatiles	( )		Semi-Volitiles (BNA)	( )		
Pesticides/PCB's	( )		PCB's Only	( )		
Herbicides	( )		TPH 418.1	( )		
BTEX	( )		TTO	( )		
TTO & Dioxin	( )		TPH 8015	( )		
			Lindane	( )		
5. Microbiology						
Fecal Coliform	( )		Total Coliform	( )		

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 19 Feb 15 1:10 pm
Received by: _____
Date/Time: 2-19-15 1:10 pm
Relinquished by: _____
Date/Time: 2-19-15 3:05 pm
Received by: _____
Date/Time: 2-19-15 3:05 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days, additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Original

BECKTON ENVIRONMENTAL

LABORATORIES, INC.

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: February 27, 2015

CONTRACT: AES – Guayama

LAB. SAMPLE ID: BEL-1500641
SAMPLE COLLECTED BY: Client (H. Ávila)
DATE RECEIVED: 02/19/15

SAMPLE DATE: 02/19/15
TIME: 6:50AM

DESCRIPTION: SW - 003
LAB. FILE ID: 1500641
MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1500641 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
TSS	SM 2540 D*	Grab	mg/L	10.0	4.00	WV	02/24/15
Aluminum	200.7(ICAP)	Grab	mg/L	0.912	0.005	BTR	02/24/15
Iron	200.7(ICAP)	Grab	mg/L	0.396	0.010	BTR	02/24/15
Lead	200.7(ICAP)	Grab	mg/L	0.007	0.001	BTR	02/24/15
Zinc	200.7(ICAP)	Grab	mg/L	0.009	0.001	BTR	02/24/15

TSS-Total Suspended Solids
*Standard Methods for the Examination of Water and Waste Water, 19th Edition, 1995.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

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CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY: AES Guayama	SAMPLER: F. Avila
SAMPLE LOCATION/CLIENT ID	SW-003	TIME: 6:50 (AM) PM
SAMPLE DATE	2-19-15	BEL. NO. 1500641

CONTROL NO. 180804

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	(X)	1
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	(X)	1,3	Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	(X)	1,3	Lead (Pb)	(X)	1,3
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	(X)	1,3	Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	( )		Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics					
Volatiles	( )		Phenols GC	( )	
Pesticides/PCB's	( )		Semi-Volatiles (BNA)	( )	
Herbicides	( )		PCB's Only	( )	
BTEX	( )		TPH 418.1	( )	
TTO & Dioxin	( )		TTO	( )	
			TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 19 Feb 15 1:10 pm
Received by: _____
Date/Time: 2-19-15 1:10 pm
Relinquished by: _____
Date/Time: 2-19-15 3:05 pm
Received by: _____
Date/Time: 2-19-15 3:05 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	(X)	sludge	( )
liquid	( )	soil	( )	solid	( )
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool.<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Original